

No. J-13012/19/2008 - IA.II (T)

Government of India

Ministry of Environment, Forest and Climate Change

Indira Paryavaran Bhawan,
3rd Floor, Vayu Wing
Jor Bagh Road,
New Delhi-110003

Dated: 25.09.2020

To

The Chief Engineer (Projects-II)

M/s Tamil Nadu Generation and Distribution Corporation (TANGEDCO)

5th Floor, Western Wing, NPKRR Maaligai,

144, Anna Salai, Chennai - 600002.

Tel No: 28520878; **Fax No:** 28520878; **Email:** cepr@tnebnnet.org;

Sub: 2x660 MW Udangadi Super Critical Imported Coal Based TPP at village Udangudi, in Thiruchendur Taluk, in Thoothukudi district, in Tamil Nadu by M/s Tamil Nadu Generation and Distribution Corporation (TANGEDCO) - reg. extension of validity of Environmental Clearance.

Sir,

The undersigned is directed to refer your online application **No. IA/TN/THE/16427/2020** dated 18.07.2020 regarding extension of validity of Environmental Clearance dated 14.10.2013 for further period of 3 years.

2. It has been noted that the Environmental Clearance for setting up of 2x800 MW Udangadi Super Critical Imported Coal Based Thermal Power Plant in Thiruchendur Taluk of Thoothukudi district, Tamil Nadu was initially accorded to M/s Udangadi Power Corporation Ltd. (a joint venture of M/s TANGEDCO and M/s BHEL) vide Ministry's dated 14.10.2013. Subsequently, the project capacity was revised from 2x800 MW to 2x660 MW vide Ministry's amendment letter dated 26.4.2017. The Environmental Clearance is valid for seven years, i.e. till 13.10.2020.

3. It has been informed that Tamil Nadu Govt. decided to execute the project and accordingly, the joint venture was terminated by purchasing all shares of BHEL and paying compensation of Rs. 64 Crores. Now M/s TANGEDCO is the sole owner of the project.

4. It is noted that the land requirement for the project is 939 acres. It has been informed that the Government of Tamil Nadu has alienated about 306.5455 Ha (757.47 acres) Power Plant cooling water corridor. Further, G.O No.31, dt.22.3.2010 was issued for acquisition of Patta lands of 114.75.5 Ha (283 acres). Government Poramboke Lands have been alienated and boundary has been demarcated. W.r.t. acquisition of Private Land, Gazette Notification has been issued under 3(2) and 3(1) clauses of the Tamil Nadu Industrial Purposes Act. The District Collector has issued

enter upon permission on 7.8.2013. Compensation amount for private lands have been deposited. The break-up of land for the project facilities is given as below:

Sl.No.	Description	Land required for 2x660 MW (Acres)
1.	Main Plant, Transformer Yard, Switch yard and FGD	65
2.	Coal Yard	65
3.	Cooling water system	43
4.	Fuel Oil system	4.2
5.	Water system including Chlorination system	19.23
6.	Ash Dyke	120
7.	Administration building and other Non-plant buildings	11.66
8.	Miscellaneous such as Corridor for CW piping, Ash piping, Intake & outfall, Silo & its utility building, Workshop, Stores, Roads etc.,	198.1
9.	Green Belt	412.81 (about 44% of total area)
10.	Total	939

5. Coal requirement is 3.87 MTPA with GCV 5700 kcal/kg based on imported coal. TANGEDCO has entered into a MOU dt.19.11.2012 with MMTC for supply of 4.5 Million Tonnes per Annum of imported coal from Indonesia. Water requirement is 13,790 m³/h is to be sourced from Bay of Bengal through pipeline. Desalination Plant with capacity of 16 mld is proposed

6. It has been informed that physical progress of Main Plant Area (Boiler, ESP, Chimney, NDCT, Power House Building etc.) & Non Plant Area (Compound Wall, Site Grading, Sea water intake and outfall structures, CW pipe lines etc.,) has been achieved up to 39%. The amount of Rs.7,359 Crores has been spent till date towards project of the construction, out total revised project cost of Rs.13,076.705 Crores.

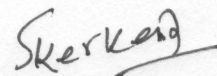
7. It has been informed that the funds have been earmarked for FGD installation to meet revised emission norm. At present, quotations have been received and the evaluation of techno-commercial bids is under process. It is expected to place the orders by October, 2020. The completion of project construction activities and the COD of first unit is expected by May, 2023. The COD of second unit is expected by June, 2023.

8. The proposal was appraised by Re-constituted EAC (Thermal) in its meeting held on 28.7.2020. In acceptance of the recommendations of the Re-constituted EAC (Thermal Power) in its meeting held on 28.7.2020 and in view of the information, clarifications, documents submitted by you, **the Ministry hereby extends the validity of the Environmental Clearance dated 14.10.2013 for further period of three years, i.e. w.e.f. 14.10.2020 till 13.10.2023** subject to following additional conditions:

- i. The physical and financial progress of FGD and other pollution control measures to meet revised emission norms vide Notification dated 07.12.2015 shall be submitted as part of compliance report.
 - ii. Progress of construction of the project till the COD of both units achieved shall be furnished in the compliance report.
9. All other conditions mentioned in this Ministry's letter of even no. dated 14.10.2013, and the amendment letter dated 26.4.2017 shall remain the same, as applicable.

This issues with the approval of competent authority.

Yours faithfully,



(Dr. S. Kerketta)
Director, IA.I

Copy to:

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110001.
2. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.
3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi- 110032.
4. The Additional Director General of Forests (C), Regional Office (SEZ), Ist and IInd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai- 34.
5. The Principal Secretary, Environment and Forest Department, Government of Tamil Nadu, Fort St, George, Secretariat, Chennai-600009.
6. The Chairman, Tamil Nadu Pollution Control Board, No. 76, Mount Road, Mount Salai, Guindy, Chennai - 600032.
7. The District Collector, Thoothukudi District, Govt. of Tamil Nadu, National Highway 7A, PSP Nagar, Korampallam, Thoothukudi, Tamil Nadu 628101.
8. Guard file/Monitoring file.
9. Website of MoEF&CC.

Director, IA.I